

## VI. Metabolic Formulas

Formulas for WIC participants with metabolic conditions are available according to physician prescription. All metabolic formulas must be prescribed by a licensed health care provider prior to issuance. According to WIC Federal Regulations (7 CFR, Part 246), monthly formula issuance amounts are based on participant age, feeding choice if participant is <12 months (partially breastfed or fully formula fed) and form of formula (powder, concentrate, ready to feed). Partially breastfed infants needing supplemental formula may receive a maximum of one can of powdered formula in the first 30 days of life, and will have monthly issuance tailored according to individual need throughout the rest of the first year. WIC maximum formula issuance amounts for all infant groups, feeding choices and forms of formula are included for each item listed.

All metabolic medical foods and formulas will be provided by MaineCare to those WIC participants enrolled in that program. If the infant or child is not enrolled in MaineCare, the Maine CDC WIC Nutrition Program will provide the formula in amounts not to exceed the federal maximum issuance per month.

### Prescriptions for these formulas must include:

- **specific product requested**
- **diagnosis**
- **length of time the product is needed**
- **amount prescribed per day**

For information on availability of metabolic formulas not listed in this section, please contact the Maine CDC WIC Nutrition Program office at 1-800-437-9300.

Health care providers may use the ***Maine CDC WIC Nutrition Program/MaineCare Request/Prior Authorization for Medical Formula/WIC-Eligible Nutritionals*** form to obtain approval and prior authorization for MaineCare coverage. This form must be sent to the local WIC office in order for MaineCare to approve coverage of the formula prescribed.

Metabolic Disorder	Available formulas	Manufacturer
<b>Amino Acid Disorders</b>		
Tyrosinemia	XPhe, XTyr Analog™ XPhe, XTyr Maxamaid® XPTM Analog	Nutricia North America <a href="https://shop.medicalfood.com/c-21-tyrosinemia-type-1-and-type-2.aspx">https://shop.medicalfood.com/c-21-tyrosinemia-type-1-and-type-2.aspx</a>
	TYROS™1 TYROS™2	Mead Johnson Nutrition™ <a href="http://www.meadjohnson.com/pediatrics/us-en/product-information/products#metabolics">http://www.meadjohnson.com/pediatrics/us-en/product-information/products#metabolics</a>
	Tyrex®-1 Tyrex®-2	Abbott Nutrition <a href="http://abbottnutrition.com/brands/metabolic">http://abbottnutrition.com/brands/metabolic</a>
Homocystinuria	HCY™ 1 HCY™ 2	Mead Johnson Nutrition™ <a href="http://www.meadjohnson.com/pediatrics/us-en/product-information/products#metabolics">http://www.meadjohnson.com/pediatrics/us-en/product-information/products#metabolics</a>
	Hominex®-1 Hominex®-2	Abbott Nutrition <a href="http://abbottnutrition.com/brands/metabolic">http://abbottnutrition.com/brands/metabolic</a>
	Milupa HOM 2 XMet Analog™ XMet Maxamaid® XMet Maxamum®	Nutricia North America <a href="https://shop.medicalfood.com/c-17-homocystinuria-and-hypermethioninemia.aspx">https://shop.medicalfood.com/c-17-homocystinuria-and-hypermethioninemia.aspx</a>
Phenylketonuria	Lophlex Milupa PKU 2 Periflex Advance Periflex Infant Periflex Junior Phlexy-10® Drink Mix XPhe Maxamaid® XPhe Maxamum®	Nutricia North America <a href="https://shop.medicalfood.com/c-12-pku-products.aspx">https://shop.medicalfood.com/c-12-pku-products.aspx</a>
	Phenex™-1 Phenex™-2	Abbott Nutrition <a href="http://abbottnutrition.com/brands/metabolic">http://abbottnutrition.com/brands/metabolic</a>
	PhenylAde® Amino Acid Blend PhenylAde® 40 Drink Mix PhenylAde® Essential Drink Mixes PhenylAde® MTE Amino Acid Blend	Nutricia North America <a href="https://shop.medicalfood.com/c-12-pku-products.aspx">https://shop.medicalfood.com/c-12-pku-products.aspx</a>
	Phenyl-Free® 1 Phenyl-Free® 2 Phenyl-Free® 2 HP	Mead Johnson Nutrition™ <a href="http://www.meadjohnson.com/pediatrics/us-en/product-information/products#metabolics">http://www.meadjohnson.com/pediatrics/us-en/product-information/products#metabolics</a>

Metabolic Disorder	Available formulas	Manufacturer
Carbohydrate Disorders		
Galactosemia	Enfamil Prosobee	Mead Johnson Nutrition™ <a href="http://www.meadjohnson.com/pediatrics/us-en/product-information/products/infants/enfamil-prosobee">http://www.meadjohnson.com/pediatrics/us-en/product-information/products/infants/enfamil-prosobee</a>
Fatty Acid Disorders		
Medium-chain Acyl-CoA Dehydrogenase (MCAD)	Patient care as directed by Maine Children’s Genetic and Metabolic Disorders Clinics	
Short-Chain Acyl-CoA Dehydrogenase Deficiency (SCAD)	Patient care as directed by Maine Children’s Genetic and Metabolic Disorders Clinics	
Long-Chain Acyl-CoA Dehydrogenase Deficiency (LCAD)	Patient care as directed by Maine Children’s Genetic and Metabolic Disorders Clinics	
Long-Chain Hydroxyacyl-CoA Dehydrogenase Deficiency (LCHAD)	Patient care as directed by Maine Children’s Genetic and Metabolic Disorders Clinics	
Very Long-Chain Acyl-CoA Dehydrogenase Deficiency (VLCAD)	Patient care as directed by Maine Children’s Genetic and Metabolic Disorders Clinics	
Organic Acidemias		
Glutaric Acidemia Type 1	GA	Mead Johnson Nutrition™ <a href="http://www.meadjohnson.com/pediatrics/us-en/product-information/products#metabolics">http://www.meadjohnson.com/pediatrics/us-en/product-information/products#metabolics</a>
	Glutarex®-1 Glutarex®-2	Abbott Nutrition <a href="http://abbottnutrition.com/brands/metabolic">http://abbottnutrition.com/brands/metabolic</a>
	XLys, XTrp Analog™ XLys, XTrp Maxamaid® XLys, XTrp Maxamum®	Nutricia North America <a href="https://shop.medicalfood.com/c-16-glutaric-acidemia.aspx">https://shop.medicalfood.com/c-16-glutaric-acidemia.aspx</a>
Glutaric Acidemia Type 2	Patient care as directed by Maine Children’s Genetic and Metabolic Disorders Clinics	

Metabolic Disorder	Available formulas	Manufacturer
<b>Organic Acidemias</b>		
Maple Syrup Urine Disease (MSUD)	Acerflex® Milupa MSUD 2 MSUD Analog™ MSUD Maxamaid® MSUD Maxamum®	Nutricia North America <a href="https://shop.medicalfood.com/c-19-maple-syrup-urine-disease-msud.aspx">https://shop.medicalfood.com/c-19-maple-syrup-urine-disease-msud.aspx</a>
	BCAD™ 1 BCAD™ 2	Mead Johnson Nutrition™ <a href="http://www.meadjohnson.com/pediatrics/us-en/product-information/products#metabolics">http://www.meadjohnson.com/pediatrics/us-en/product-information/products#metabolics</a>
	Complex™ MSD Amino Acid Blend Complex™ Essential MSD	Nutricia North America <a href="https://shop.medicalfood.com/c-19-maple-syrup-urine-disease-msud.aspx">https://shop.medicalfood.com/c-19-maple-syrup-urine-disease-msud.aspx</a>
	Ketonex®-1 Ketonex®-2	Abbott Nutrition <a href="http://abbottnutrition.com/brands/metabolic">http://abbottnutrition.com/brands/metabolic</a>
3-Hydroxy-3 Methylglutaryl-CoA Lyase Deficiency	Patient care as directed by Maine Children's Genetic and Metabolic Disorders Clinics	
3-Methylcrotonyl-CoA Carboxylase Deficiency	Patient care as directed by Maine Children's Genetic and Metabolic Disorders Clinics	
Beta-Ketothiolase Deficiency	Patient care as directed by Maine Children's Genetic and Metabolic Disorders Clinics	
Isovaleric Acidemia	I-Valex®-1 I-Valex®-2	Abbott Nutrition <a href="http://abbottnutrition.com/brands/metabolic">http://abbottnutrition.com/brands/metabolic</a>
	LMD	Mead Johnson Nutrition™ <a href="http://www.meadjohnson.com/pediatrics/us-en/product-information/products#metabolics">http://www.meadjohnson.com/pediatrics/us-en/product-information/products#metabolics</a>
	XLeu Analog™ XLeu Maxamaid® XLeu Maxamum®	Nutricia North America <a href="https://shop.medicalfood.com/c-18-isovaleric-acidemia.aspx">https://shop.medicalfood.com/c-18-isovaleric-acidemia.aspx</a>
Methylmalonic Acidemia	Propimex®-1 Propimex®-2	Abbott Nutrition <a href="http://abbottnutrition.com/brands/metabolic">http://abbottnutrition.com/brands/metabolic</a>
	Milupa OS 2 XMTVI Analog™ XMTVI Maxamaid® XMTVI Maxamum®	Nutricia North America <a href="https://shop.medicalfood.com/c-20-propionic-acidemia-and-methylmalonic-acidemia.aspx">https://shop.medicalfood.com/c-20-propionic-acidemia-and-methylmalonic-acidemia.aspx</a>
	OA 1 ® OA 2 ®	Mead Johnson Nutrition™ <a href="http://www.meadjohnson.com/pediatrics/us-en/product-information/products#metabolics">http://www.meadjohnson.com/pediatrics/us-en/product-information/products#metabolics</a>

Metabolic Disorder	Available formulas	Manufacturer
<b>Organic Acidemias</b>		
Propionic Acidemia	Patient care as directed by Maine Children's Genetic and Metabolic Disorders Clinics	
Urea Cycle Disorders	WND™ 1 WND™ 2	Mead Johnson Nutrition™ <a href="http://www.meadjohnson.com/pediatrics/us-en/product-information/products#metabolics">http://www.meadjohnson.com/pediatrics/us-en/product-information/products#metabolics</a>
	Milupa UCD 2	Nutricia North America <a href="https://shop.medicalfood.com/c-22-urea-cycle-disorders.aspx">https://shop.medicalfood.com/c-22-urea-cycle-disorders.aspx</a>
Argininemia	Patient care as directed by Maine Children's Genetic and Metabolic Disorders Clinics	
Argininosuccinic Aciduria	Patient care as directed by Maine Children's Genetic and Metabolic Disorders Clinics	
Citrullinemia	Patient care as directed by Maine Children's Genetic and Metabolic Disorders Clinics	
Ornithine Translocase Deficiency (aka Hyperonithinemia-Hyperammonemia-Homocitrullinuria Syndrome, or HHH)	Cyclinex®-1 Cyclinex®-2	Abbott Nutrition <a href="http://abbottnutrition.com/brands/metabolic">http://abbottnutrition.com/brands/metabolic</a>
<b>Other Various Disorders</b>		
Other Various Disorders	Calcilo XD Pro-Phree® ProViMin® RCF®	Abbott Nutrition <a href="http://abbottnutrition.com/brands/metabolic">http://abbottnutrition.com/brands/metabolic</a>
	Enfaport® PFD™ Toddler PFD™ 2	Mead Johnson Nutrition™ <a href="http://www.meadjohnson.com/pediatrics/us-en/product-information/products#metabolics">http://www.meadjohnson.com/pediatrics/us-en/product-information/products#metabolics</a>
	KetoCal™ 3:1 KetoCal™ 4:1	Nutricia North America <a href="https://shop.medicalfood.com/c-40-neurology.aspx">https://shop.medicalfood.com/c-40-neurology.aspx</a>  <a href="https://shop.medicalfood.com/p-119-monogen.aspx">https://shop.medicalfood.com/p-119-monogen.aspx</a>
	Monogen	